

1. A composition comprising a plurality of polynucleotides whose expression is modulated by cytokines, wherein the polynucleotides are SEQ ID NOs:1-516 or a complete complement of SEQ ID NOs:1-516.
 6. The composition of claim 1, wherein the polynucleotides are immobilized on a substrate.
 7. A method for detecting a polynucleotide in a sample, the method comprising:
 - a) hybridizing the composition of claim 1 with the sample, thereby forming at least one hybridization complex; and
 - b) detecting the hybridization complex, wherein the presence of the hybridization complex indicates the presence of the polynucleotide in the sample.
 8. A method of screening a library of molecules or compounds to identify a ligand, the method comprising:
 - a) combining the composition of claim 1 with a library of molecules or compounds under conditions to allow specific binding; and
 - b) detecting specific binding, thereby identifying a ligand.
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B1 9. (Once Amended) The method of claim 8 wherein the library is selected from DNA molecules, RNA molecules, peptides, and proteins.

B2 18. (Twice Amended) A method of screening a sample from a patient for an immune response, immune disorder, immune condition, or immune disease, the method comprising:

- a) contacting the sample with the composition of claim 1 immobilized on a substrate under conditions to allow formation of a hybridization complex;
- b) quantifying complex formation; and

c) comparing complex formation with a standard, wherein a change in the amount of complex formation in the sample relative to the standard indicates the presence of the immune response, immune disorder, immune condition, or immune disease.

19. The method of claim 18, wherein the immune disorder, condition, or disease is a pro-inflammatory disorder selected from viral infections, rheumatoid arthritis, insulin-dependent diabetes mellitus, multiple sclerosis, encephalomyelitis, inflammatory bowel disease, psoriasis, and pemphigus vulgaris.

B3 20. (Twice Amended) The method of claim 18, wherein the immune disorder, condition, or disease is an anti-inflammatory disorder selected from bacterial and parasitic infections, chronic graft versus host disease, scleroderma, and systemic lupus erythematosus.
